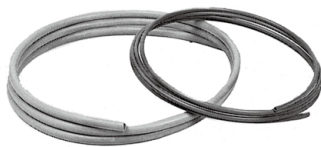


# Flame Resistant (Equivalent to UL-94 Standard V-0) FR Soft Nylon Tubing **TRS Series**

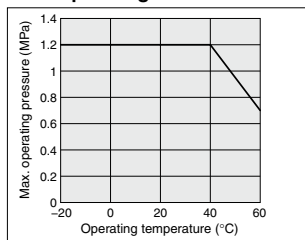
RoHS



Suitable for air and water  
piping in environments where  
sparks from spot welders, etc.,  
may be a problem.

Flame resistant tubing

Max. Operating Pressure



## ⚠️ Precautions

Be sure to read this before handling  
the products. Refer to page 11 for  
safety instructions and pages 14 to  
18 for fittings and tubing precautions.

## ⚠️ Caution

- Applicable for general industrial water.  
Please consult with SMC if using for the  
other kind of fluid.  
Also, the surge voltage pressure must be  
under the maximum operating pressure.  
If the surge pressure exceeds the maxi-  
mum operating pressure, it will result in  
damage to fittings and tubes.
- Abnormal temperature rise caused by adi-  
abatic compression may result in the tube  
bursting.

## Model/Specifications

● — 20 m roll □ — 100 m reel

Model	TRS0603	TRS0805	TRS1065	TRS1208
Tubing O.D. (mm)	6	8	10	12
Tubing I.D. (mm)	3	5	6.5	8
Black (B)	●	●	●	●
White (W)	●	●	●	●
Red (R)	●	●	●	●
Blue (BU)	●	●	●	●
Green (G)	●	●	●	●

Fluid		Air/Water			
Max. operating pressure (MPa)	20°C	1.2			
	40°C	1.2			
	60°C	0.7			
Operating vacuum pressure (kPa) <small>(Note 1)</small>		-101.3			
Applicable fittings		FR one-touch fittings: KR-W2 series			
Minimum bending radius (mm)		17	19	27	32
Operating temperature		-20 to 60°C (Water: 0 to 60°C) (No freezing)			
Material		Flame resistant nylon (Equivalent to UL-94 standard V-0)			

Note 1) The operating vacuum pressure varies depending on the applicable fitting, so refer to the fitting specifications for details.

## How to Order

**TRS1065 B - 100**

Tubing model

Length per roll

Symbol	Length
20	20 m roll
100	100 m reel

Color

Symbol	Color
B	Black (Opaque)
W	White (Material color)
R	Red (Opaque)
BU	Blue (Opaque)
G	Green (Opaque)

Only black is available for the tubing  
with improved weather resistance.

Details on products with improved  
weather resistance can be found [here](#).

